

# Electric Power Generation, Transmission, and Distribution: 2002

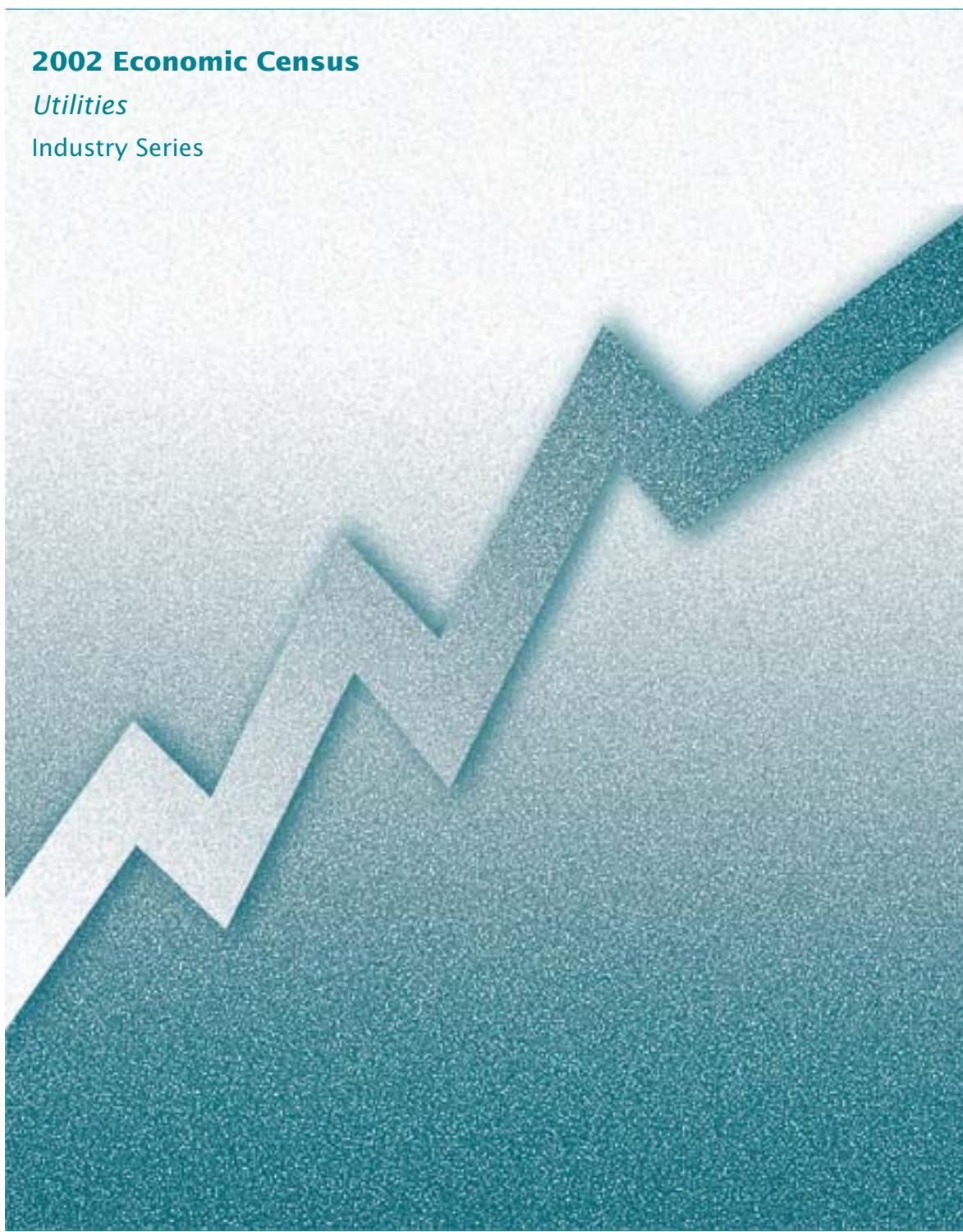
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## 2002 Economic Census

*Utilities*

Industry Series



U S C E N S U S B U R E A U  
*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



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-- Not applicable for this report.	

**Table 1. Summary Statistics for the United States: 2002**

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	Kind of business	Estab- lishments (number)	Revenue (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of revenue—	
							From admin- istrative records <sup>1</sup>	Estimated <sup>2</sup>
2211	Electric power generation, transmission, and distribution .....	9 676	337 032 939	35 921 055	10 005 428	538 540	.2	.3
22111	Electric power generation .....	2 138	78 163 142	9 194 933	2 349 988	121 766	.6	.4
221111	Hydroelectric power generation .....	416	3 259 542	482 719	132 453	7 668	.3	3.0
221112	Fossil fuel electric power generation .....	1 233	53 329 122	4 945 048	1 208 815	67 294	.5	.2
221113	Nuclear electric power generation .....	78	11 908 796	2 507 106	733 409	31 698	—	.2
221119	Other electric power generation .....	411	9 665 682	1 260 060	275 311	15 106	1.7	.5
22112	Electric power transmission, control, and distribution .....	7 538	258 869 797	26 726 122	7 655 440	416 774	.2	.3
221121	Electric bulk power transmission and control .....	158	12 737 649	1 172 814	345 070	15 032	.2	.1
221122	Electric power distribution .....	7 380	246 132 148	25 553 308	7 310 370	401 742	.1	.3

<sup>1</sup>Includes revenue information obtained from administrative records of other federal agencies.

<sup>2</sup>Includes revenue information that was imputed based on historic data, administrative data, industry averages, or other statistical methods.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

**Table 2. Comparative Statistics for the United States (1997 NAICS Basis): 2002 and 1997**

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 and 1997 Economic Censuses. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

1997 NAICS code	Kind of business	Establishments (number)	Revenue (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)
2211	Electric power generation, transmission, and distribution .....	2002.. 1997..	9 676 7 935	337 032 939 269 095 239	35 921 055 30 439 772
22111	Electric power generation .....	2002.. 1997..	2 138 1 745	78 163 142 73 375 323	9 194 933 8 369 366
221111	Hydroelectric power generation .....	2002.. 1997..	416 353	3 259 542 3 073 908	482 719 394 135
221112	Fossil fuel electric power generation .....	2002.. 1997..	1 233 1 009	53 329 122 48 324 008	4 945 048 5 048 597
221113	Nuclear electric power generation .....	2002.. 1997..	78 67	11 908 796 13 966 616	2 507 106 2 201 922
221119	Other electric power generation .....	2002.. 1997..	411 316	9 665 682 8 010 791	1 260 060 724 712
22112	Electric power transmission, control, and distribution .....	2002.. 1997..	7 538 6 190	258 869 797 195 719 916	26 726 122 22 070 406
221121	Electric bulk power transmission and control .....	2002.. 1997..	158 120	12 737 649 955 984	1 172 814 115 706
221122	Electric power distribution .....	2002.. 1997..	7 380 6 070	246 132 148 194 763 932	25 553 308 21 954 700

Note: The data in this table are based on the 2002 and 1997 Economic Censuses. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

**Table 3. Product Lines by Kind of Business for the United States: 2002**

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line revenue			Response coverage <sup>2</sup> (percent)	
			Number	Total revenue (\$1,000)	Amount <sup>1</sup> (\$1,000)	As percent of total revenue of—			
						Establishments with the product line	All establishments <sup>1</sup>		
2211		Electric power generation, transmission, and distribution.....	9 676	X	337 032 939	X	100.0	73.6	
	43500	Sales of products extracted from natural gas, including propane and butane .....	Q	Q	7 384	Q	Z	X	
	43600	Household appliance sales .....	Q	Q	9 845	Q	Z	X	
	43750	Sales of other merchandise .....	Q	Q	54 341	Q	Z	X	
	46030	Pipeline transportation of natural gas and storage of natural gas from processing plants to local distribution systems .....	Q	Q	174 752	Q	.1	X	
	49000	Electricity - generation and distribution sales .....	Q	Q	283 529 632	Q	84.1	X	
	49010	Electricity - power marketing and brokering sales .....	Q	Q	8 744 094	Q	2.6	X	
	49020	Natural gas distribution to final consumer .....	Q	Q	11 750 375	Q	3.5	X	
	49030	Natural gas - power marketing and brokering sales .....	Q	Q	3 390 740	Q	1.0	X	
	49040	Mixed, manufactured, or liquefied gas sales .....	Q	Q	41 433	Q	Z	X	
	49050	Steam or air-conditioning sales .....	Q	Q	702 213	Q	.2	X	
	49060	Water sales .....	Q	Q	1 707 620	Q	.5	X	
	49070	Electric power transmission .....	Q	Q	13 934 739	Q	4.1	X	
	49080	Irrigation system user charges .....	Q	Q	12 533	Q	Z	X	
	49090	Sewer system user charges .....	Q	Q	12 307	Q	Z	X	
	49810	All other operating revenue .....	Q	Q	12 960 931	Q	3.8	X	
22111		Electric power generation .....	2 138	X	78 163 142	X	100.0	72.3	
	49000	Electricity - generation and distribution sales .....	Q	Q	74 282 479	Q	95.0	X	
	49010	Electricity - power marketing and brokering sales .....	Q	Q	796 566	Q	1.0	X	
	49020	Natural gas distribution to final consumer .....	Q	Q	731 149	Q	.9	X	
	49030	Natural gas - power marketing and brokering sales .....	Q	Q	570 094	Q	.7	X	
	49040	Mixed, manufactured, or liquefied gas sales .....	Q	Q	26 665	Q	Z	X	
	49050	Steam or air-conditioning sales .....	Q	Q	69 659	Q	.1	X	
	49060	Water sales .....	Q	Q	21 632	Q	Z	X	
	49070	Electric power transmission .....	Q	Q	117 814	Q	.2	X	
	49080	Irrigation system user charges .....	Q	Q	226	Q	Z	X	
	49810	All other operating revenue .....	Q	Q	1 546 665	Q	2.0	X	
221111		Hydroelectric power generation .....	416	X	3 259 542	X	100.0	75.2	
	49000	Electricity - generation and distribution sales .....	Q	Q	3 152 465	Q	96.7	X	
	49810	All other operating revenue .....	Q	Q	11 539	Q	.4	X	
221112		Fossil fuel electric power generation .....	1 233	X	53 329 122	X	100.0	72.4	
	49000	Electricity - generation and distribution sales .....	Q	Q	49 669 643	Q	93.1	X	
	49010	Electricity - power marketing and brokering sales .....	Q	Q	723 683	Q	1.4	X	
	49020	Natural gas distribution to final consumer .....	Q	Q	731 149	Q	1.4	X	
	49030	Natural gas - power marketing and brokering sales .....	Q	Q	570 094	Q	1.1	X	
	49040	Mixed, manufactured, or liquefied gas sales .....	Q	Q	26 665	Q	.1	X	
	49050	Steam or air-conditioning sales .....	Q	Q	44 263	Q	.1	X	
	49070	Electric power transmission .....	Q	Q	117 325	Q	.2	X	
	49810	All other operating revenue .....	Q	Q	1 444 700	Q	2.7	X	
221113		Nuclear electric power generation .....	78	X	11 908 796	X	100.0	70.4	
	49000	Electricity - generation and distribution sales .....	Q	Q	11 867 472	Q	99.7	X	
	49810	All other operating revenue .....	Q	Q	41 324	Q	.3	X	
221119		Other electric power generation .....	411	X	9 665 682	X	100.0	73.2	
	49000	Electricity - generation and distribution sales .....	Q	Q	9 592 899	Q	99.2	X	
	49050	Steam or air-conditioning sales .....	Q	Q	21 941	Q	.2	X	
	49060	Water sales .....	Q	Q	1 257	Q	Z	X	
	49810	All other operating revenue .....	Q	Q	49 102	Q	.5	X	
221112		Electric power transmission, control, and distribution .....	7 538	X	258 869 797	X	100.0	74.0	
	43500	Sales of products extracted from natural gas, including propane and butane .....	Q	Q	7 384	Q	Z	X	
	43600	Household appliance sales .....	Q	Q	9 845	Q	Z	X	
	43750	Sales of other merchandise .....	Q	Q	54 148	Q	Z	X	
	46030	Pipeline transportation of natural gas and storage of natural gas from processing plants to local distribution systems .....	Q	Q	174 752	Q	.1	X	
	49000	Electricity - generation and distribution sales .....	Q	Q	209 247 153	Q	80.8	X	
	49010	Electricity - power marketing and brokering sales .....	Q	Q	7 947 528	Q	3.1	X	
	49020	Natural gas distribution to final consumer .....	Q	Q	11 019 226	Q	4.3	X	
	49030	Natural gas - power marketing and brokering sales .....	Q	Q	2 820 646	Q	1.1	X	
	49040	Mixed, manufactured, or liquefied gas sales .....	Q	Q	14 768	Q	Z	X	
	49050	Steam or air-conditioning sales .....	Q	Q	632 554	Q	.2	X	
	49060	Water sales .....	Q	Q	1 685 988	Q	.7	X	
	49070	Electric power transmission .....	Q	Q	13 816 925	Q	5.3	X	
	49080	Irrigation system user charges .....	Q	Q	12 307	Q	Z	X	
	49090	Sewer system user charges .....	Q	Q	12 307	Q	Z	X	
	49810	All other operating revenue .....	Q	Q	11 414 266	Q	4.4	X	
221121		Electric bulk power transmission and control .....	158	X	12 737 649	X	100.0	91.7	
	49070	Electric power transmission .....	Q	Q	12 733 955	Q	100.0	X	
	49810	All other operating revenue .....	Q	Q	3 694	Q	Z	X	
221122		Electric power distribution .....	7 380	X	246 132 148	X	100.0	73.0	
	43500	Sales of products extracted from natural gas, including propane and butane .....	Q	Q	7 384	Q	Z	X	
	43600	Household appliance sales .....	Q	Q	9 845	Q	Z	X	
	43750	Sales of other merchandise .....	Q	Q	54 148	Q	Z	X	
	46030	Pipeline transportation of natural gas and storage of natural gas from processing plants to local distribution systems .....	Q	Q	174 752	Q	.1	X	
	49000	Electricity - generation and distribution sales .....	Q	Q	209 247 153	Q	85.0	X	
	49010	Electricity - power marketing and brokering sales .....	Q	Q	7 947 528	Q	3.2	X	
	49020	Natural gas distribution to final consumer .....	Q	Q	11 019 226	Q	4.5	X	
	49030	Natural gas - power marketing and brokering sales .....	Q	Q	2 820 646	Q	1.1	X	
	49040	Mixed, manufactured, or liquefied gas sales .....	Q	Q	14 768	Q	Z	X	

See footnotes at end of table.

**Table 3. Product Lines by Kind of Business for the United States: 2002—Con.**

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line revenue			Response coverage <sup>2</sup> (percent)	
			Number	Total revenue (\$1,000)	Amount <sup>1</sup> (\$1,000)	As percent of total revenue of—			
						Establishments with the product line	All estab- lishments <sup>1</sup>		
221122		Electric power distribution—Con.							
	49050	Steam or air-conditioning sales .....	Q	Q	632 554	Q	.3	X	
	49060	Water sales .....	Q	Q	1 685 988	Q	.7	X	
	49070	Electric power transmission .....	Q	Q	1 082 970	Q	.4	X	
	49080	Irrigation system user charges .....	Q	Q	12 307	Q	Z	X	
	49090	Sewer system user charges .....	Q	Q	12 307	Q	Z	X	
	49810	All other operating revenue .....	Q	Q	11 410 572	Q	4.6	X	

<sup>1</sup>Product line revenue and/or product line percents may not sum to totals due to exclusion of selected lines to avoid disclosing data for individual companies, due to rounding, and/or due to exclusion of lines that did not meet publication criteria.

<sup>2</sup>Revenue of establishments reporting product line revenue as percent of total revenue.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

**Table 4. Concentration by Largest Firms for the United States: 2002**

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only firms and establishments of firms with payroll. Excludes data for establishments of these firms that are classified in other categories than those specified in this table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For method of assignment to categories shown, see Appendix C. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table.]

2002 NAICS code	Kind of business and largest firms based on revenue	Establishments (number)	Revenue		Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)
			Amount (\$1,000)	As percent of total			
2211	Electric power generation, transmission, and distribution						
	All firms .....	9 676	337 032 939	100.0	35 921 055	10 005 428	538 540
	4 largest firms .....	1 186	64 238 223	18.1	6 837 320	2 151 572	96 377
	8 largest firms .....	2 093	112 106 040	31.6	10 236 957	3 118 437	150 152
	20 largest firms .....	3 971	197 982 739	55.9	18 829 495	5 500 288	270 561
	50 largest firms .....	5 745	281 494 541	79.5	28 181 488	8 061 007	414 267
22111	Electric power generation						
	All firms .....	2 138	78 163 142	100.0	9 194 933	2 349 988	121 766
	4 largest firms .....	336	26 858 269	31.1	2 234 717	646 578	27 765
	8 largest firms .....	466	39 569 483	45.8	3 204 854	924 070	42 272
	20 largest firms .....	828	57 520 127	66.6	5 704 341	1 502 584	71 818
	50 largest firms .....	1 143	75 526 645	87.5	7 494 416	1 975 097	99 670
221111	Hydroelectric power generation						
	All firms .....	416	3 259 542	100.0	482 719	132 453	7 668
	4 largest firms .....	122	2 594 070	65.6	276 928	77 319	3 993
	8 largest firms .....	158	3 127 078	79.0	337 186	93 247	5 008
	20 largest firms .....	265	3 702 372	93.6	411 357	113 830	6 375
	50 largest firms .....	314	3 921 261	99.1	442 860	122 487	7 012
221112	Fossil fuel electric power generation						
	All firms .....	1 233	53 329 122	100.0	4 945 048	1 208 815	67 294
	4 largest firms .....	265	18 943 653	33.9	701 218	200 598	8 891
	8 largest firms .....	444	27 300 593	48.8	1 492 654	423 064	23 543
	20 largest firms .....	600	38 684 638	69.2	2 459 359	678 723	35 602
	50 largest firms .....	815	51 294 383	91.7	3 565 028	976 835	52 037
221113	Nuclear electric power generation						
	All firms .....	78	11 908 796	100.0	2 507 106	733 409	31 698
	4 largest firms .....	31	10 800 508	62.8	1 219 748	373 902	14 916
	8 largest firms .....	53	14 239 126	82.7	1 875 462	563 506	23 479
	20 largest firms .....	67	17 184 718	99.9	2 562 550	746 630	33 582
	50 largest firms .....	78	17 210 446	100.0	2 566 163	747 719	33 638
221119	Other electric power generation						
	All firms .....	411	9 665 682	100.0	1 260 060	275 311	15 106
	4 largest firms .....	14	4 281 003	46.2	283 170	71 168	2 181
	8 largest firms .....	32	5 478 880	59.1	411 055	105 752	4 438
	20 largest firms .....	71	7 442 872	80.3	620 717	163 469	7 953
	50 largest firms .....	136	8 518 545	91.9	781 740	202 742	10 080
22112	Electric power transmission, control, and distribution						
	All firms .....	7 538	258 869 797	100.0	26 726 122	7 655 440	416 774
	4 largest firms .....	840	47 326 991	17.7	3 945 609	1 199 183	60 266
	8 largest firms .....	1 840	87 633 906	32.7	7 848 924	2 475 035	118 301
	20 largest firms .....	3 406	157 814 458	58.9	14 801 178	4 416 009	223 775
	50 largest firms .....	4 956	221 694 062	82.8	22 211 882	6 492 247	338 313
221121	Electric bulk power transmission and control						
	All firms .....	158	12 737 649	100.0	1 172 814	345 070	15 032
	4 largest firms .....	67	10 941 352	85.3	964 299	286 488	11 773
	8 largest firms .....	89	11 732 792	91.5	1 033 039	306 666	12 830
	20 largest firms .....	117	12 546 932	97.8	1 130 226	334 148	14 400
	50 largest firms .....	147	12 812 291	99.9	1 174 473	345 378	15 089
221122	Electric power distribution						
	All firms .....	7 380	246 132 148	100.0	25 553 308	7 310 370	401 742
	4 largest firms .....	1 304	47 107 088	18.5	4 645 242	1 477 518	70 386
	8 largest firms .....	1 826	85 287 102	33.4	7 781 556	2 383 804	117 165
	20 largest firms .....	3 346	150 207 038	58.9	14 093 839	4 172 090	214 973
	50 largest firms .....	4 772	210 763 057	82.6	21 116 696	6 184 289	322 996

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